

RECEIVED

MAR 27 2002

TECH CENTER 1600/2900

1644



1600

ENTERED

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/813,781C

DATE: 03/19/2002

TIME: 14:19:23

P#38

Input Set : A:\46745175.app

Output Set: N:\CRF3\03192002\H813781C.raw

3 <110> APPLICANT: WEIDANZ, JON A.  
 4 CARD, KIMBERLYN F.  
 5 WONG, HING C.  
 7 <120> TITLE OF INVENTION: FUSION PROTEINS COMPRISING BACTERIOPHAGE COAT PROTEIN  
 8 AND A SINGLE-CHAIN T-CELL RECEPTOR  
 10 <130> FILE REFERENCE: 46745(71758)  
 12 <140> CURRENT APPLICATION NUMBER: 08/813,781C  
 13 <141> CURRENT FILING DATE: 1997-03-07  
 15 <160> NUMBER OF SEQ ID NOS: 130  
 17 <170> SOFTWARE: PatentIn Ver. 2.1  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 28  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Artificial Sequence  
 24 <220> FEATURE:  
 25 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 26 oligonucleotide  
 28 <400> SEQUENCE: 1  
 29 cggccatggc ccagctgcag actagtgc 28  
 32 <210> SEQ ID NO: 2  
 33 <211> LENGTH: 35  
 34 <212> TYPE: DNA  
 35 <213> ORGANISM: Artificial Sequence  
 37 <220> FEATURE:  
 38 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 39 oligonucleotide  
 41 <400> SEQUENCE: 2  
 42 ggccgcacta gtctgcagct gggccatggc cggct 35  
 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 45  
 47 <212> TYPE: DNA  
 48 <213> ORGANISM: Artificial Sequence  
 50 <220> FEATURE:  
 51 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 52 oligonucleotide  
 54 <400> SEQUENCE: 3  
 55 ctgcgggcc agccggcct ggccgaggct gcagtcaccc aaagc 45  
 58 <210> SEQ ID NO: 4  
 59 <211> LENGTH: 32  
 60 <212> TYPE: DNA  
 61 <213> ORGANISM: Artificial Sequence  
 63 <220> FEATURE:  
 64 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic

## RAW SEQUENCE LISTING

DATE: 03/19/2002

PATENT APPLICATION: US/08/813,781C

TIME: 14:19:23

Input Set : A:\46745175.app

Output Set: N:\CRF3\03192002\H813781C.raw

```

65         oligonucleotide
67 <400> SEQUENCE: 4
68 ctctctcact agtacagtct gctcggcccc ag          32
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 30
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
78         oligonucleotide
80 <400> SEQUENCE: 5
81 gatggcctcg aggagcaggt ggagcagctt          30
84 <210> SEQ ID NO: 6
85 <211> LENGTH: 33
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
91         oligonucleotide
93 <400> SEQUENCE: 6
94 gactagcccg ggacagggaa cgtctgaact ggg          33
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 45
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
104         oligonucleotide
106 <400> SEQUENCE: 7
107 ctgcgggccc agccggccat ggccgagcag gtggagcagc ttcct          45
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 33
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
117         oligonucleotide
119 <400> SEQUENCE: 8
120 ctgcgctcg aggaggctgc agtcacccaa agc          33
123 <210> SEQ ID NO: 9
124 <211> LENGTH: 33
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
130         oligonucleotide
132 <400> SEQUENCE: 9
133 ctgcgccccg ggacagtctg ctcgccccca ggc          33
136 <210> SEQ ID NO: 10

```

## RAW SEQUENCE LISTING

DATE: 03/19/2002

PATENT APPLICATION: US/08/813,781C

TIME: 14:19:23

Input Set : A:\46745175.app

Output Set: N:\CRF3\03192002\H813781C.raw

```

137 <211> LENGTH: 33
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
143     oligonucleotide
145 <400> SEQUENCE: 10
146 ctcgcgacta gtacagggaa cgtctgaact ggg                33
149 <210> SEQ ID NO: 11
150 <211> LENGTH: 30
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
156     oligonucleotide
158 <400> SEQUENCE: 11
159 ctcgcgcccg gggctctgctc ggccccaggc                30
162 <210> SEQ ID NO: 12
163 <211> LENGTH: 30
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
169     oligonucleotide
171 <400> SEQUENCE: 12
172 ctcgcgacta gtgggaacgt ctgaactggg                30
175 <210> SEQ ID NO: 13
176 <211> LENGTH: 30
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
182     oligonucleotide
184 <400> SEQUENCE: 13
185 ctcgcgacta gtgtctgctc ggccccaggc                30
188 <210> SEQ ID NO: 14
189 <211> LENGTH: 30
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
195     oligonucleotide
197 <400> SEQUENCE: 14
198 ctcgcgcccg gggggaacgt ctgaactggg                30
201 <210> SEQ ID NO: 15
202 <211> LENGTH: 34
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:

```

## RAW SEQUENCE LISTING

DATE: 03/19/2002

PATENT APPLICATION: US/08/813,781C

TIME: 14:19:23

Input Set : A:\46745175.app

Output Set: N:\CRF3\03192002\H813781C.raw

```

207 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
208     oligonucleotide
210 <400> SEQUENCE: 15
211 ctgcgctcg agcgaggctg cagtcaccca aagc          34
214 <210> SEQ ID NO: 16
215 <211> LENGTH: 37
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
221     oligonucleotide
223 <400> SEQUENCE: 16
224 gggggggcccg gggctgaggg tgacgatccc gcaaaag          37
227 <210> SEQ ID NO: 17
228 <211> LENGTH: 67
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
234     oligonucleotide
236 <400> SEQUENCE: 17
237 ctagtctggt ggcggtggca gcggcggtgg tggttccggt ggcggcggtt ctggcggtgg 60
238 cggttcc          67
241 <210> SEQ ID NO: 18
242 <211> LENGTH: 67
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
248     oligonucleotide
250 <400> SEQUENCE: 18
251 tcgaggaacc gccaccgcca gaaccgccgc caccggaacc accaccgccg ctgccaccgc 60
252 caccaga          67
255 <210> SEQ ID NO: 19
256 <211> LENGTH: 37
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
262     oligonucleotide
264 <400> SEQUENCE: 19
265 gtgctcacta gtgtttggct ctacagtgag tttggtg          37
268 <210> SEQ ID NO: 20
269 <211> LENGTH: 33
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
275     oligonucleotide

```

## RAW SEQUENCE LISTING

DATE: 03/19/2002

PATENT APPLICATION: US/08/813,781C

TIME: 14:19:23

Input Set : A:\46745175.app

Output Set: N:\CRF3\03192002\H813781C.raw

```

277 <400> SEQUENCE: 20
278 gatggctcga gtgagcaggt ggagcagctt cct. 33
281 <210> SEQ ID NO: 21
282 <211> LENGTH: 33
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
288     oligonucleotide
290 <400> SEQUENCE: 21
291 ctagtccccg ggtacaactg tgagtctggt tcc 33
294 <210> SEQ ID NO: 22
295 <211> LENGTH: 33
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
301     oligonucleotide
303 <400> SEQUENCE: 22
304 ctcgagacta gttacaactg tgagtctggt tcc 33
307 <210> SEQ ID NO: 23
308 <211> LENGTH: 33
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
314     oligonucleotide
316 <400> SEQUENCE: 23
317 cggccgagga agaagagtac atcccgatgg atc 33
320 <210> SEQ ID NO: 24
321 <211> LENGTH: 40
322 <212> TYPE: DNA
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
327     oligonucleotide
329 <400> SEQUENCE: 24
330 gggccatcca tcgggatgta ctcttcttcc tcggccggct 40
333 <210> SEQ ID NO: 25
334 <211> LENGTH: 36
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
340     oligonucleotide
342 <400> SEQUENCE: 25
343 ccgggggagga agaagagtac atcccgatgg attgag 36
346 <210> SEQ ID NO: 26
347 <211> LENGTH: 36

```

VERIFICATION SUMMARY

DATE: 03/19/2002

PATENT APPLICATION: US/08/813,781C

TIME: 14:19:24

Input Set : A:\46745175.app

Output Set: N:\CRF3\03192002\H813781C.raw